

FINAL DRAFT/PROPOSED CAAPP PERMIT
The Segerdahl Corporation
I.D. No.: 031324ABR
Application No.: 95070052
March 14, 2004

217/782-2113

"RENEWAL"
TITLE V - CLEAN AIR ACT PERMIT PROGRAM (CAAPP) PERMIT
and
TITLE I PERMIT¹

PERMITTEE

The Segerdahl Corporation
Attn: John Tumbarelli
1352 South Wheeling Road
Wheeling, Illinois 60090

<u>Application No.:</u> 95070052	<u>I.D. No.:</u> 031324ABR
<u>Applicant's Designation:</u>	<u>Date Received:</u> August 21, 2003
<u>Operation of:</u> Lithographic Printing	
<u>Date Issued:</u> TO BE DETERMINED	<u>Expiration Date:</u> DATE
<u>Source Location:</u> 1352 South Wheeling Road, Wheeling, Cook County	
<u>Responsible Official:</u> Richard D. Joutras, Executive Vice President	

This permit is hereby granted to the above-designated Permittee to OPERATE a lithographic printing plant, pursuant to the above referenced permit application. This permit is subject to the conditions contained herein.

If you have any questions concerning this permit, please contact Anatoly Belogorsky at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:AB:psj

cc: Illinois EPA, FOS, Region 1

¹ This permit may contain terms and conditions which address the applicability, and compliance if determined applicable, of Title I of the CAA and regulations promulgated thereunder, including 40 CFR 52.21 - federal PSD and 35 IAC Part 203 - Major Stationary Sources Construction and Modification. Any such terms and conditions are identified within this permit.

² Except as provided in Condition 8.7 of this permit.

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1.0 SOURCE IDENTIFICATION

1.1 Source

The Segerdahl Corporation
1351 South Wheeling Road
Wheeling, Illinois 60090
847/419-3316

I.D. No.: 031186AGD
Standard Industrial Classification: 2752, Lithographic Printing

1.2 Owner/Parent Company

The Segerdahl Corporation
1351 South Wheeling Road
Wheeling, Illinois 60090

1.3 Operator

The Segerdahl Corporation
1351 South Wheeling Road
Wheeling, Illinois 60090

John Tumbarelli
847/419-3316

1.4 General Source Description

The Segerdahl Corporation is located at 1351 South Wheeling Road in Wheeling and is a commercial printing facility. Printing operations consist of eight heatset web offset lithographic printing presses controlled by thermal and catalytic oxidizers and four sheetfedcoldest lithographic printing presses.

2.0 LIST OF ABBREVIATIONS/ACRONYMS USED IN THIS PERMIT

ACMA	Alternative Compliance Market Account
Act	Illinois Environmental Protection Act [415 ILCS 5/1 et seq.]
AP-42	Compilation of Air Pollutant Emission Factors, Volume 1, Stationary Point and Other Sources (and Supplements A through F), USEPA, Office of Air Quality Planning and Standards, Research Triangle Park, NC 27711
ATU	Allotment Trading Unit
BAT	Best Available Technology
Btu	British thermal unit
°C	Degrees Celsius
CAA	Clean Air Act [42 U.S.C. Section 7401 et seq.]
CAAPP	Clean Air Act Permit Program
CAM	Compliance Assurance Monitoring
CEMS	Continuous Emission Monitoring System
cfm	Cubic foot per minute
CFR	Code of Federal Regulations
CMS	Continuous Monitoring System
CO	Carbon Monoxide
DRE	Destruction and Removal Efficiency
dscf	Dry standard cubic foot
dscm	Dry standard cubic meter
°F	Degrees Fahrenheit
ft	Feet
G	Grams
gal	Gallon
gr	Grains
HAP	Hazardous Air Pollutant
HCl	Hydrogen Chloride
Hg	Mercury
HWC	Hazardous Waste Combustor
hr	hour
IAC	Illinois Administrative Code
I.D. No.	Identification Number of Source, assigned by Illinois EPA
ILCS	Illinois Compiled Statutes
Illinois EPA	Illinois Environmental Protection Agency
kW	kilowatts
L	Liter
LAER	Lowest Achievable Emission Rate
lb	pound
MACT	Maximum Achievable Control Technology
Mg	Micrograms
mmBtu	Million British thermal units
mmscf	Million standard cubic feet
MW	Megawatts

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NESHAP	National Emission Standards for Hazardous Air Pollutants
NIC	Notification of Intent to Comply
NOC	Notification of Compliance
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standards
PM	Particulate Matter
PM ₁₀	Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 microns as measured by applicable test or monitoring methods
POHC	Principal Organic Hazardous Constituent
ppm	parts per million
ppmv	Parts per million by volume
PSD	Prevention of Significant Deterioration
RCRA	Resource Conservation and Recovery Act
RMP	Risk Management Plan
scf	Standard cubic feet
scm	Standard cubic meters
SO ₂	Sulfur Dioxide
TEQ	Toxic Equivalency Quotient
T1	Title I - identifies Title I conditions that have been carried over from an existing permit
T1N	Title I New - identifies Title I conditions that are being established in this permit
T1R	Title I Revised - identifies Title I conditions that have been carried over from an existing permit and subsequently revised in this permit
USEPA	United States Environmental Protection Agency
VOM	Volatile Organic Material
yr	Year

3.0 INSIGNIFICANT ACTIVITIES

3.1 Identification of Insignificant Activities

The following activities at the source constitute insignificant activities as specified in 35 IAC 201.210:

- 3.1.1 Activities determined by the Illinois EPA to be insignificant activities, pursuant to 35 IAC 201.210(a) (1) and 201.211, as follows:

None

- 3.1.2 Activities that are insignificant activities based upon maximum emissions, pursuant to 35 IAC 201.210(a) (2) or (a) (3), as follows:

None

- 3.1.3 Activities that are insignificant activities based upon their type or character, pursuant to 35 IAC 201.210(a) (4) through (18), as follows:

Direct combustion units designed and used for comfort heating purposes and fuel combustion emission units as follows: (A) Units with a rated heat input capacity of less than 2.5 mmBtu/hr that fire only natural gas, propane, or liquefied petroleum gas; (B) Units with a rated heat input capacity of less than 1.0 mmBtu/hr that fire only oil or oil in combination with only natural gas, propane, or liquefied petroleum gas; and (C) Units with a rated heat input capacity of less than 200,000 Btu/hr which never burn refuse, or treated or chemically contaminated wood [35 IAC 201.210(a) (4)]

- 3.1.4 Activities that are considered insignificant activities pursuant to 35 IAC 201.210(b).

3.2 Compliance with Applicable Requirements

Insignificant activities are subject to applicable requirements notwithstanding status as insignificant activities. In particular, in addition to regulations of general applicability, such as 35 IAC 212.301 and 212.123 (Condition 5.2.2), the Permittee shall comply with the following requirements, as applicable:

- 3.2.1 For each cold cleaning degreaser, the Permittee shall comply with the applicable equipment and operating requirements of 35 IAC 215.182, 218.182, or 219.182.
- 3.2.2 For each particulate matter process emission unit, the Permittee shall comply with the applicable particulate matter emission limit of 35 IAC 212.321 or 212.322. For example, the particulate matter emissions from a process emission unit shall not exceed 0.55 pounds per hour if the emission unit's process weight rate is 100 pounds per hour or less, pursuant to 35 IAC 266.110.
- 3.2.3 For each organic material emission unit that uses organic material, e.g., a mixer or printing line, the Permittee shall comply with the applicable VOM emission limit of 35 IAC 215.301, 218.301, or 219.301, which requires that organic material emissions not exceed 8.0 pounds per hour or do not qualify as photochemically reactive material as defined in 35 IAC 211.4690.

3.3 Addition of Insignificant Activities

- 3.3.1 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type that is identified in Condition 3.1, until the renewal application for this permit is submitted, pursuant to 35 IAC 201.212(a).
- 3.3.2 The Permittee must notify the Illinois EPA of any proposed addition of a new insignificant activity of a type addressed by 35 IAC 201.210(a) and 201.211 other than those identified in Condition 3.1, pursuant to Section 39.5(12)(b) of the Act.
- 3.3.3 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type identified in 35 IAC 201.210(b).

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4.0 SIGNIFICANT EMISSION UNITS AT THIS SOURCE

Emission Unit	Equipment	Description	Emission Control Equipment
Group 1	Heatset Web Offset Lithographic Printing Lines	Eight Heatset Web Offset Lithographic Printing Lines	Catalytic and Thermal Oxidizers
Group 2	Coldset Offset Lithographic Printing Lines	Four Sheetfed Lithographic Printing Lines (#28-#31)	None

5.0 OVERALL SOURCE CONDITIONS

5.1 Source Description

- 5.1.1 This permit is issued based on the source requiring a CAAPP permit as a major source of VOM emissions.

5.2 Applicable Regulations

- 5.2.1 Specific emission units at this source are subject to particular regulations as set forth in Section 7 (Unit-Specific Conditions) of this permit.

- 5.2.2 In addition, emission units at this source are subject to the following regulations of general applicability:

- a. No person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally overhead at a point beyond the property line of the source unless the wind speed is greater than 40.2 kilometers per hour (25 miles per hour), pursuant to 35 IAC 212.301 and 212.314.

Compliance with this requirement is considered to be assured by the inherent nature of operations at this source, as demonstrated by historical operation.

- b. No person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to the requirements of 35 IAC 212.122, pursuant to 35 IAC 212.123(a), except the following as allowed by 35 IAC 212.123(b):

The emission of smoke or other particulate matter from any such emission unit may have an opacity greater than 30 percent but not greater than 60 percent for a period or periods aggregating 8 minutes in any 60 minute period provided that such opaque emissions permitted during any 60 minute period shall occur from only one such emission unit located within a 305 m (1000 ft) radius from the center point of any other such emission unit owned or operated by such person, and provided further that such opaque emissions permitted from each such emission unit shall be limited to 3 times in any 24 hour period.

5.2.3 Ozone Depleting Substances

The Permittee shall comply with the standards for recycling and emissions reduction of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

5.2.4 Risk Management Plan

Should this stationary source, as defined in 40 CFR Section 68.3, become subject to the Accidental Release Prevention regulations in 40 CFR Part 68, then the owner or operator shall submit [40 CFR 68.215(a)(2)(i) and (ii)]:

- a. A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR 68.10(a); or
- b. A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan (RMP), as part of the annual compliance certification required by 40 CFR Part 70 or 71.

- 5.2.5 a. Should this stationary source become subject to a regulation under 40 CFR Parts 60, 61, or 63, or 35 IAC after the date issued of this permit, then the owner or operator shall, in accordance with the applicable regulation(s), comply with the applicable requirements by the date(s) specified and shall certify compliance with the applicable requirements of such regulation(s) as part of the annual compliance certification, as required by 40 CFR Part 70 or 71.

- b. No later than upon the submittal for renewal of this permit, the owner or operator shall submit, as part of an application, the necessary information to address either the non-applicability of, or demonstrate compliance with all applicable requirements of any potentially applicable regulation which was promulgated after the date issued of this permit.

5.2.6 Episode Action Plan

- a. If the source is required to have an episode action plan pursuant to 35 IAC 244.142, the Permittee shall maintain at the source and have on file with the Illinois EPA a written episode action plan (plan) for reducing the levels of emissions during yellow alerts, red alerts, and emergencies, consistent with safe operating procedures. The plan shall contain the information specified in 35 IAC 244.144.
- b. The Permittee shall immediately implement the appropriate steps described in this plan should an air pollution alert or emergency be declared.
- c. If a change occurs at the source, which requires a revision of the plan (e.g., operational change, change in the source contact person), a copy of the revised plan shall be submitted to the Illinois EPA for review within 30 days of the change. Such plans shall be further revised if disapproved by the Illinois EPA.
- d. For sources required to have a plan pursuant to 35 IAC 244.142, a copy of the original plan and any subsequent revisions shall be sent to:
 - i. Illinois EPA, Compliance Section; and
 - ii. For sources located in Cook County and outside of the city of Chicago: Cook County Department of Environmental Control; or
 - iii. For sources located within the city of Chicago: Chicago Department of Environmental Control.

5.2.7 CAM Plan

The affected source is subject to CAM requirements under 40 CFR Part 64. Specifics on CAM are addressed further in Section 7 of this permit.

5.3 Non-Applicability of Regulations of Concern

None

5.4 Source-Wide Operational and Production Limits and Work Practices

In addition to the source-wide requirements in the Standard Permit Conditions in Section 9, the Permittee shall fulfill the following source-wide operational and production limitations and/or work practice requirements:

None

5.5 Source-Wide Emission Limitations

5.5.1 Permitted Emissions for Fees

The annual emissions from the source, not considering insignificant activities as addressed by Section 3.0 of this permit, shall not exceed the following limitations. The overall source emissions shall be determined by adding emissions from all emission units. Compliance with these limits shall be determined on a calendar year basis. These limitations (Condition 5.5.1) are set for the purpose of establishing fees and are not federally enforceable.

Permitted Emissions of Regulated Pollutants

Pollutant	Tons/Year
Volatile Organic Material (VOM)	76.59
Sulfur Dioxide (SO ₂)	0.13
Particulate Matter (PM)	1.66
Nitrogen Oxides (NO _x)	11.12
HAP, not included in VOM or PM	8.8
Total	98.3

5.5.2 Emissions of Hazardous Air Pollutants

This permit is issued based on the emissions of HAPs as listed in Section 112(b) of the CAA not being equal to or exceeding 10 tons per year of a single HAP or 25 tons per year of any combination of such HAPs, so that this source is considered a minor source for HAPs.

5.5.3 Other Source-Wide Emission Limitations

None

5.6 General Recordkeeping Requirements

5.6.1 Emission Records

The Permittee shall maintain records of the following items for the source to demonstrate compliance with Condition 5.5.1, pursuant to Section 39.5(7)(b) of the Act:

Total annual emissions on a calendar year basis for the emission units covered by Section 7 (Unit Specific Conditions) of this permit.

5.6.2 Retention and Availability of Records

- a. All records and logs required by this permit shall be retained for at least five years from the date of entry (unless a longer retention period is specified by the particular recordkeeping provision herein), shall be kept at a location at the source that is readily accessible to the Illinois EPA or USEPA, and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request.
- b. The Permittee shall retrieve and print, on paper during normal source office hours, any records retained in an electronic format (e.g., computer) in response to an Illinois EPA or USEPA request for records during the course of a source inspection.

5.7 General Reporting Requirements

5.7.1 General Source-Wide Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the source with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken.

5.7.2 Annual Emissions Report

The annual emissions report required pursuant to Condition 9.7 shall contain emissions information for the previous calendar year.

5.8 General Operational Flexibility/Anticipated Operating Scenarios

N/A

5.9 General Compliance Procedures

5.9.1 General Procedures for Calculating Emissions

Compliance with the source-wide emission limits specified in Condition 5.5.1 shall be based on the recordkeeping and reporting requirements of Conditions 5.6 and 5.7, and compliance procedures in Section 7 (Unit Specific Conditions) of this permit.

6.0 EMISSIONS REDUCTION MARKET SYSTEM (ERMS)

- 6.1 The ERMS is a "cap and trade" market system for major stationary sources located in the Chicago ozone nonattainment area. It is designed to reduce VOM emissions from stationary sources to contribute to reasonable further progress toward attainment, as required by Section 182(c) of the CAA.

The ERMS addresses VOM emissions during a seasonal allotment period from May 1 through September 30. Participating sources must hold "allotment trading units" (ATUs) for their actual seasonal VOM emissions. Each year participating sources are issued ATUs based on allotments set in the sources' CAAPP permits. These allotments are established from historical VOM emissions or "baseline emissions" lowered to provide the emissions reductions from stationary sources required for reasonable further progress.

By December 31 of each year, the end of the reconciliation period following the seasonal allotment period, each source shall have sufficient ATUs in its transaction account to cover its actual VOM emissions during the preceding season. A transaction account's balance as of December 31 will include any valid ATU transfer agreements entered into as of December 31 of the given year, provided such agreements are promptly submitted to the Illinois EPA for entry into the transaction account database. The Illinois EPA will then retire ATUs in sources' transaction accounts in amounts equivalent to their seasonal emissions. When a source does not appear to have sufficient ATUs in its transaction account, the Illinois EPA will issue a notice to the source to begin the process for Emissions Excursion Compensation.

In addition to receiving ATUs pursuant to their allotments, participating sources may also obtain ATUs from the market, including ATUs bought from other participating sources and general participants in the ERMS that hold ATUs (35 IAC 205.630) and ATUs issued by the Illinois EPA as a consequence of VOM emissions reductions from an Emissions Reduction Generator or an Intersector Transaction (35 IAC 205.500 and 35 IAC 205.510). During the reconciliation period, sources may also buy ATUs from a secondary reserve of ATUs managed by the Illinois EPA, the "Alternative Compliance Market Account" (ACMA) (35 IAC 205.710). Sources may also transfer or sell the ATUs that they hold to other sources or participants (35 IAC 205.630).

6.2 Applicability

This source is considered a "participating source" for purposes of the ERMS, 35 IAC Part 205.

6.3 Obligation to Hold Allotment Trading Units (ATUs)

- a. Pursuant to 35 IAC 205.150(c)(1) and 35 IAC 205.720, and as further addressed by Condition 6.8, as of December 31 of each year, this source shall hold ATUs in its account in an amount not less than the ATU equivalent of its VOM emissions during the preceding seasonal allotment period (May 1 - September 30), not including VOM emissions from the following, or the source shall be subject to "emissions excursion compensation," as described in Condition 6.5.
 - i. VOM emissions from insignificant emission units and activities as identified in Section 3 of this permit, in accordance with 35 IAC 205.220;
 - ii. Excess VOM emissions associated with startup, malfunction, or breakdown of an emission unit as authorized in Section 7.0 of this permit, in accordance with 35 IAC 205.225;
 - iii. Excess VOM emissions to the extent allowed by a Variance, Consent Order, or Compliance Schedule, in accordance with 35 IAC 205.320(e)(3);
 - iv. Excess VOM emissions that are a consequence of an emergency as approved by the Illinois EPA, pursuant to 35 IAC 205.750; and
 - v. VOM emissions from certain new and modified emission units as addressed by Condition 6.8(b), if applicable, in accordance with 35 IAC 205.320(f).
- b. Notwithstanding the above condition, in accordance with 35 IAC 205.150(c)(2), if a source commences operation of a major modification, pursuant to 35 IAC Part 203, the source shall hold ATUs in an amount not less than 1.3 times its seasonal VOM emissions attributable to such major modification during the seasonal allotment period, determined in accordance with the construction permit for such major modification or applicable provisions in Section 7.0 of this permit.

6.4 Market Transactions

- a. The source shall apply to the Illinois EPA for and obtain authorization for a Transaction Account prior to conducting any market transactions, as specified at 35 IAC 205.610(a).

- b. The Permittee shall promptly submit to the Illinois EPA any revisions to the information submitted for its Transaction Account, pursuant to 35 IAC 205.610(b).
- c. The source shall have at least one account officer designated for its Transaction Account, pursuant to 35 IAC 205.620(a).
- d. Any transfer of ATUs to or from the source from another source or general participant must be authorized by a qualified Account Officer designated by the source and approved by the Illinois EPA, in accordance with 35 IAC 205.620, and the transfer must be submitted to the Illinois EPA for entry into the Transaction Account database.

6.5 Emissions Excursion Compensation

Pursuant to 35 IAC 205.720, if the source fails to hold ATUs in accordance with Condition 6.3, it shall provide emissions excursion compensation in accordance with the following:

- a. Upon receipt of an Excursion Compensation Notice issued by the Illinois EPA, the source shall purchase ATUs from the ACMA in the amount specified by the notice, as follows:
 - i. The purchase of ATUs shall be in an amount equivalent to 1.2 times the emissions excursion; or
 - ii. If the source had an emissions excursion for the seasonal allotment period immediately before the period for the present emissions excursion, the source shall purchase ATUs in an amount equivalent to 1.5 times the emissions excursion.
- b. If requested in accordance with paragraph (c) below or in the event that the ACMA balance is not adequate to cover the total emissions excursion amount, the Illinois EPA will deduct ATUs equivalent to the specified amount or any remaining portion thereof from the ATUs to be issued to the source for the next seasonal allotment period.
- c. Pursuant to 35 IAC 205.720(c), within 15 days after receipt of an Excursion Compensation Notice, the owner or operator may request that ATUs equivalent to the amount specified be deducted from the source's next seasonal allotment by the Illinois EPA, rather than purchased from the ACMA.

6.6 Quantification of Seasonal VOM Emissions

- a. The methods and procedures specified in Sections 5 and 7 of this permit for determining VOM emissions and compliance with VOM emission limitations shall be used for determining seasonal VOM emissions for purposes of the ERMS, with the following exceptions [35 IAC 205.315(b)]:

No exceptions

- b. The Permittee shall report emergency conditions at the source to the Illinois EPA, in accordance with 35 IAC 205.750, if the Permittee intends to deduct VOM emissions in excess of the technology-based emission rates normally achieved that are attributable to the emergency from the source's seasonal VOM emissions for purposes of the ERMS. These reports shall include the information specified by 35 IAC 205.750(a), and shall be submitted in accordance with the following:
- i. An initial emergency conditions report within two days after the time when such excess emissions occurred due to the emergency; and
- ii. A final emergency conditions report, if needed to supplement the initial report, within 10 days after the conclusion of the emergency.

6.7 Annual Account Reporting

- a. For each year in which the source is operational, the Permittee shall submit, as a component of its Annual Emissions Report, seasonal VOM emissions information to the Illinois EPA for the seasonal allotment period. This report shall include the following information [35 IAC 205.300]:
- i. Actual seasonal emissions of VOM from the source;
- ii. A description of the methods and practices used to determine VOM emissions, as required by this permit, including any supporting documentation and calculations;
- iii. A detailed description of any monitoring methods that differ from the methods specified in this permit, as provided in 35 IAC 205.337;

- iv. If a source has experienced an emergency, as provided in 35 IAC 205.750, the report shall reference the associated emergency conditions report that has been approved by the Illinois EPA;
 - v. If a source's baseline emissions have been adjusted due to a Variance, Consent Order, or CAAPP permit Compliance Schedule, as provided for in 35 IAC 205.320(e)(3), the report shall provide documentation quantifying the excess VOM emissions during the season that were allowed by the Variance, Consent Order, or Compliance Schedule, in accordance with 35 IAC 205.320(e)(3); and
 - vi. If a source is operating a new or modified emission unit for which three years of operational data is not yet available, as specified in 35 IAC 205.320(f), the report shall specify seasonal VOM emissions attributable to the new emission unit or the modification of the emission unit.
- b. This report shall be submitted by October 31 of each year, for the preceding seasonal allotment period.

6.8 Allotment of ATUs to the Source

- a.
 - i. The allotment of ATUs to this source is 187 ATUs per seasonal allotment period.
 - ii. This allotment of ATUs reflects the Illinois EPA's determination that the source's baseline emissions were 21.237 tons per season.
 - iii. The source's allotment reflects 88% of the baseline emissions (12% reduction), except for the VOM emissions from specific emission units excluded from such reduction, pursuant to 35 IAC 205.405, including units complying with MACT or using BAT, as identified in Condition 6.10 of this permit.
- iv. ATUs will be issued to the source's Transaction Account by the Illinois EPA annually. These ATUs will be valid for the seasonal allotment period following issuance and, if not retired in this season, the next seasonal allotment period.
- v. Condition 6.3(a) becomes effective beginning in the seasonal allotment period following the initial issuance of ATUs by the Illinois EPA into the Transaction Account for the source.

b. Contingent Allotments for New or Modified Emission Units

Not applicable

c. Notwithstanding the above, part or all of the above ATUs will not be issued to the source in circumstances as set forth in 35 IAC Part 205, including:

- i. Transfer of ATUs by the source to another participant or the ACMA, in accordance with 35 IAC 205.630;
- ii. Deduction of ATUs as a consequence of emissions excursion compensation, in accordance with 35 IAC 205.720; and
- iii. Transfer of ATUs to the ACMA, as a consequence of shutdown of the source, in accordance with 35 IAC 205.410.

6.9 Recordkeeping for ERMS

The Permittee shall maintain copies of the following documents as its Compliance Master File for purposes of the ERMS [35 IAC 205.700(a)]:

- a. Seasonal component of the Annual Emissions Report;
- b. Information on actual VOM emissions, as specified in detail in Sections 5 and 7 of this permit and Condition 6.6(a); and
- c. Any transfer agreements for the purchase or sale of ATUs and other documentation associated with the transfer of ATUs.

6.10 Exclusions from Further Reductions

- a. VOM emissions from the following emission units shall be excluded from the VOM emissions reductions requirements specified in 35 IAC 205.400(c) and (e) as long as such emission units continue to satisfy the following [35 IAC 205.405(a)]:
 - i. Emission units that comply with any NESHAP or MACT standard promulgated pursuant to the CAA;
 - ii. Direct combustion emission units designed and used for comfort heating purposes, fuel combustion emission units, and internal combustion engines; and

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iii. An emission unit for which a LAER demonstration has been approved by the Illinois EPA on or after November 15, 1990.

The source has demonstrated in its ERMS application and the Illinois EPA has determined that the following emission units qualify for exclusion from further reductions because they meet the criteria as indicated above [35 IAC 205.405(a) and (c)]:

None

- b. VOM emissions from emission units using BAT for controlling VOM emissions shall not be subject to the VOM emissions reductions requirement specified in 35 IAC 205.400(c) or (e) as long as such emission unit continues to use such BAT [35 IAC 205.405(b)].

The source has demonstrated in its ERMS application and the Illinois EPA has determined that the following emission units qualify for exclusion from further reductions because these emission units use BAT for controlling VOM emissions as indicated above [35 IAC 205.405(b) and (c)]:

Fuel Combustion Emission Units

7.0 UNIT SPECIFIC CONDITIONS

7.1 Group 1: Heatset Web Offset Lithographic Printing Lines

7.1.1 Description

Each heatset press uses inks, fountain solutions, clean-up solvents, adhesives and additives and each press ducts into ovens which exhausts are directed through a catalytic or thermal oxidizer to control emissions of VOM.

7.1.2 List of Emission Units and Pollution Control Equipment

Emission Unit	Equipment	Description	Emission Control Equipment
Group 1	Eight Heatset Web Offset Lithographic Printing Lines. Each Line with Printing Press and Dryer.	Date of Construction: #20 - 1993	Catalytic Oxidizer
		#21 - 1992	Catalytic Oxidizer
		#22 - 1992	Catalytic Oxidizer
		#22/#23 - 1996	Catalytic Oxidizer
		#24 - 1996	Thermal Oxidizer
		#25 - 1998	Thermal Oxidizer
		#26 - 1995	Thermal Oxidizer
		#27 - 2000	Catalytic Oxidizer

7.1.3 Applicability Provisions and Applicable Regulations

- a. An "affected printing line" for the purpose of these unit specific conditions is a printing operation that includes heatset web offset lithographic printing press, which is used to apply inks to continuous web, and dryer controlled by an oxidizer.
- b. The affected printing line is subject to limitations of 35 IAC 218.407(a)(1)(A)(iii) for as-applied fountain solution, which provides that:

No owner or operator of any heatset web offset lithographic printing line shall apply fountain solution with the VOM content exceeding 5 percent, by volume, and containing an alcohol.

- c. The affected printing line is subject to limitations of 35 IAC 218.407(a)(4)(B) for as-used cleaning solution, which provides that:

No owner or operator of any lithographic printing line shall apply the as-used cleaning solution with VOM composite partial vapor pressure equal or exceeding 10 mmHg at 20°C (68°F).

- d. The affected printing line is subject to the following requirements of 35 IAC 218.407(a)(1):

- i. The air pressure in the dryer is maintained lower than the air pressure of the press room, such that air flow through all openings in the dryer, other than the exhaust, is into the dryer at all times when the printing line is operating;
- ii. An afterburner is installed and operated so that VOM emissions (excluding methane and ethane) from the press dryer exhaust(s) are reduced by 90 percent, by weight;
- iii. The afterburner is equipped with the applicable monitoring equipment specified in Section 218.105(d)(2) and the monitoring equipment is installed, calibrated, operated, and maintained according to manufacturer's specifications at all times when the afterburner is in use; and
- iv. The afterburner is operated at all times when the printing line is in operation.

- e. The affected printing line is subject to requirements of 35 IAC 218.407(a)(5) for keeping cleaning materials, which provides that:

The VOM containing cleaning materials, including used cleaning towels associated with any lithographic printing line shall be kept, stored and disposed of in closed containers.

- f. Each affected printing line is subject to 35 IAC 212.321(b)(1), which provides that:

No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.321 (See also Attachment 3) [35 IAC 212.321(a)].

- g. All affected printing lines are subject to 40 CFR Part 64 Compliance Assurance Monitoring (CAM). Specific CAM requirements are discussed further in Condition 7.1.8 and Attachment 2 of this permit.

7.1.4 Non-Applicability of Regulations of Concern

- a. The affected printing line is not subject to 35 IAC 216.121, Emissions of Carbon Monoxide from Fuel Combustion Emission Units, because the affected coating line is not by definition a fuel combustion emission unit.
- b. The affected printing line is not subject to 35 IAC 217.121, Emissions of Nitrogen Oxides from New Fuel Combustion Emission Units, because the affected coating line is not by definition a fuel combustion emission unit.

7.1.5 Operational and Production Limits and Work Practices

- a. Natural gas shall be the only fuel fired in the affected lithographic printing line.
- b. Afterburner

Each afterburner shall be in operation at all times that the associated printing line is in operation and emitting VOM. The afterburner shall not be seasonally shut down as would be allowed in 35 IAC 218.107.

i. Catalytic Oxidizer

- A. The Permittee shall, in accordance with manufacturer(s) and/or vendor(s) recommendations, perform periodic

maintenance of the catalytic oxidizer such that oxidizer kept in proper working condition and not cause violation of the Environmental Protection Act or regulations promulgated therein.

- B. The Permittee shall replace the catalyst as needed in order to maintain the minimum required VOM destruction efficiency of 90% of the afterburner, pursuant to 35 IAC 218.407(a) (1) (C).

ii. Thermal Oxidizer

The afterburner combustion chamber shall be preheated to the manufacturer's recommended temperature but not lower than 1400°F, before the lithographic printing process is begun, and this temperature shall be maintained during operation of the affected lithographic printing line.

7.1.6 Emission Limitations

- a. Emissions and operation of the heatset web offset printing press #25 shall not exceed the following limits:

<u>Raw Material</u>	<u>VOM Content (vol.% or wt.%)</u>
Ink	37.5 wt.%
Fountain Solution	5.0 vol.%
Wash-Up Solvents	100.0 vol.%
Coating and Adhesive	50.0 wt.%

<u>Raw Material</u>	<u>Material Usage (gal/mo)</u>	<u>Material Usage (gal/yr)</u>	<u>VOM Emissions (lb/mo)</u>	<u>VOM Emissions (T/yr)</u>
Ink	50,200	502,000	373	1.85
Fountain Solution	13,600	136,000	259	1.3
Wash-Up Solvents	1,750	17,500	875	4.4
Coating and Adhesive	87,840	878,419	792	3.95
Totals			2,229	11.50

These limits are based on 20% retention for the heatset ink, 70% capture efficiency of the low VOM fountain solution, coatings and adhesives, 50%

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retention wash-up solvents in rags, and 97.5% destruction efficiency by the afterburner. Compliance with annual limits shall be determined from a running total of 12 months of data.

The above limitations were established in construction permit #97100086, pursuant to 35 IAC Part 203. These limits ensure that construction addressed in the aforementioned permit does not constitute a new major source or major modification pursuant to Title I of the CAA, specifically 35 IAC Part 203 [T1].

- b. Emissions and operation of each heatset web offset printing presses #24 and #26 shall not exceed the following limits:

<u>Raw Material</u>	<u>Average VOM Content (wt. %)</u>	
Ink	37.5	wt. %
Fountain Solution	6.0	wt. %
Wash-Up Solvents	100.0	wt. %
Coating and Adhesive	2.38	wt. %

<u>Raw Material</u>	<u>Material Usage (gal/mo) (gal/yr)</u>		<u>VOM Emissions (lb/mo) (T/yr)</u>	
Ink	50,200	502,000	373	1.85
Fountain Solution	13,600	136,000	259	1.3
Wash-Up Solvents	1,750	17,500	875	4.4
Coating and Adhesive	87,840	878,419	792	3.95
Totals			2,229	11.50

These limits are based on 20% retention for the heatset ink, 70% capture efficiency of the low VOM fountain solution, coatings and adhesives, 50% retention wash-up solvents in rags, and 97.5% destruction efficiency by the afterburner. Compliance with annual limits shall be determined from a running total of 12 months of data.

The above limitations were established in construction permit #97100086, pursuant to 35 IAC Part 203. These limits ensure that construction addressed in the aforementioned permit does not constitute a new major source or major modification pursuant to Title I of the CAA, specifically 35 IAC Part 203 [T1].

- c. Emissions of the heatset web offset lithographic printing lines shall not exceed the following limits:

Line	VOM Emissions (ton/mo) (ton/yr)		Construction Permit
#22/#23	1.31	13.12	93070070
#21	1.27	12.66	94050012
#20	0.66	6.56	93070070
#27	0.6	5.33	99110048

These limits originate from above mentioned construction permits and based on 20% retention for the heatset ink, 70% capture efficiency of the low VOM fountain solution, 40% capture efficiency of the blanket wash, adhesives & additives and 95% destruction efficiency of the afterburner. Compliance with annual limits shall be determined from a running total of 12 months of data.

The above limitations were established in construction permits #93070070, #94050012, and #99110048 pursuant to 35 IAC Part 203. These limits ensure that construction addressed in the aforementioned permits does not constitute a new major source or major modification pursuant to Title I of the CAA, specifically 35 IAC Part 203 [T1].

- d. This permit is issued based upon construction of the new heatset web offset lithographic printing press #27 and contemporaneous VOM emission increases/decreases from existing units with net emission increase of 17.18 ton/year, as established in construction permit #99110048 and further explained in Attachment 1.

7.1.7 Testing Requirements

- a. Upon request from the Illinois EPA or USEPA, testing to demonstrate compliance with the VOM content limitations for fountain solution, and to determine the VOM content of fountain solutions, fountain solution additives, cleaning solvents, cleaning solutions, and inks, shall be conducted, as follows [35 IAC 218.409(c)]:
- i. The applicable test methods and procedures specified in 35 IAC 218.105(a) shall be used, provided, however, Method 24 shall be used to demonstrate compliance; or

- ii. The manufacturer's specifications for VOM content for fountain solution additives, cleaning solvents, and inks may be used if such manufacturer's specifications are based on results of tests of the VOM content conducted in accordance with methods specified in 35 IAC 218.105(a), provided, however, Method 24 shall be used to determine compliance.
- b.
 - i. Upon request from the Illinois EPA or USEPA, pursuant to 35 IAC 218.409, the Permittee shall conduct tests in accordance with procedures of 35 IAC 218.105(d) and (f) to measure the performance of the afterburner controlling the affected lithographic printing line. All such tests shall be made by or under the direction of a person qualified by training and/or experience in the field of air pollution testing;
 - ii. By October 15, 1998 the VOM emissions of the thermal oxidizer controlling the lithographic printing press #25 shall be measured by an approved testing service, during conditions that are representative of maximum emissions. The test shall be designed to measure both the destruction efficiency across the thermal oxidizer and the overall control efficiency provided by the combination of the capture system and thermal oxidizer pursuant to 35 IAC 218.105 and construction permit #97100086.
- c. Upon request of the Illinois EPA or USEPA, testing to demonstrate compliance with 35 IAC 218.407(a) (4) (B) of the VOM composite partial vapor pressure of the as-used cleaning solution shall be conducted, as follows [35 IAC 218.110 and Section 39.5(7) (b) of the Act]:
 - i. If the organic material or solvent consists of only a single compound, the vapor pressure shall be determined by ASTM Method D2879-86 (incorporated by reference in Section 218.112 of this Part) or the vapor pressure may be obtained from a publication such as: Boublik, T., V. Fried and E. Hala, "The Vapor Pressure of Pure Substances," Elsevier Scientific

Publishing Co., New York (1973); Perry's Chemical Engineer's Handbook, McGraw-Hill Book Company (1984); CRC Handbook of Chemistry and Physics, Chemical Rubber Publishing Company (1986-87); and Lange's Handbook of Chemistry, John A. Dean, editor, McGraw-Hill Book Company (1985);

- ii. If the organic material or solvent is in a mixture made up of both organic material compounds and compounds which are not organic material, the vapor pressure shall be determined by the following equation:

$$P_{VOM} = \frac{\sum_{i=1}^n P_i X_i}{\sum_{i=1}^n X_i}$$

Where:

- P_{vom} = Total vapor pressure of the portion of the mixture which is composed of organic material;
- n = Number of organic material components in the mixture;
- i = Subscript denoting an individual component;
- P_i = Vapor pressure of an organic material component determined in accordance with Condition 7.1.7(c);
- X_i = Mole fraction of the organic material component of the total mixture.

- iii. If the organic material or solvent is in a mixture made up of only organic material compounds, the vapor pressure shall be determined by ASTM Method D2879-86 or by the above equation.

7.1.8 Monitoring Requirements

a. Fountain Solution

- i. For a fountain solution to which VOM is not added automatically:

- A. Maintain records of the VOM content of the fountain solution; or
- B. Take a sample of the as-applied fountain solution from the fountain tray or reservoir, as applicable, each time a fresh batch of fountain solution is prepared or each time VOM is added to an existing batch of fountain solution in the fountain tray or reservoir, and shall determine compliance with the VOM content limitation of the as-applied fountain solution by using one of the following options:
 - 1. With a refractometer or hydrometer with a visual, analog, or digital readout and with an accuracy of 0.5 percent. The refractometer or hydrometer must be calibrated with a standard solution for the type of VOM used in the fountain solution, in accordance with manufacturer's specifications, against measurements performed to determine compliance. The refractometer or hydrometer must be corrected for temperature at least once per 8-hour shift or once per batch of fountain solution prepared or modified, whichever is longer; or
 - 2. With a conductivity meter if it is demonstrated that a refractometer and hydrometer cannot distinguish between compliant and noncompliant fountain solution for the type and amount of VOM in the fountain solution. A source may use a conductivity meter if it demonstrates that both hydrometers and refractometers fail to provide significantly different measurements for standard solutions containing 95 percent, 100 percent and 105 percent of the applicable VOM content limit. The conductivity meter reading for the

fountain solution must be referenced to the conductivity of the incoming water. A standard solution shall be used to calibrate the conductivity meter for the type of VOM used in the fountain solution, in accordance with manufacturer's specifications;

- ii. For fountain solutions to which VOM is added at the source with automatic feed equipment, determine the VOM content of the as-applied fountain solution based on the setting of the automatic feed equipment that makes additions of VOM up to a pre-set level. The equipment used to make automatic additions must be installed, calibrated, operated and maintained in accordance with manufacturer's specifications.

b. Cleaning Solution

The owner or operator of any lithographic printing line relying on the VOM composite partial vapor pressure of the solution to comply with limitation in Condition 7.1.3 must keep records for such cleaning solutions used on any such line [35 IAC 218.410(e)(2)].

c. Afterburner

- i. The temperature monitoring devices shall have accuracies of 3°C or 5°F. Monitoring shall be performed at all times when the afterburner is operating [35 IAC 218.410(c)(1)];
- ii. Each afterburner shall be equipped with a continuous recorder or the temperature monitoring device(s), such as a strip chart, recorder or computer, with at least the same accuracy as the temperature monitor [35 IAC 218.410(c)(2)].

d. Compliance Assurance Monitoring (CAM) Requirements

The affected printing line is subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources. The Permittee shall comply with the monitoring requirements of the Compliance

Assurance Monitoring (CAM) Plan described in Attachment 2 pursuant to 40 CFR Part 64 as submitted in the Permittee's CAM plan application. The Permittee shall maintain records of the monitoring data, monitor performance data, corrective actions taken, monitoring equipment maintenance, and other supporting information, as required by 40 CFR 64.9(b) (1).

7.1.9 Recordkeeping Requirements

The Permittee shall maintain records of the following items for the affected printing line to demonstrate compliance with conditions of this permit, pursuant to Section 39.5(7)(b) of the Act:

a. Afterburner and Dryer

The owner or operator shall collect and record daily the following information for affected printing line [35 IAC 218.411(b)(3)]:

- i. Afterburner monitoring data;
- ii. A log of operating time for the afterburner, monitoring equipment, and associated printing line;
- iii. A maintenance log for the afterburner and monitoring equipment detailing all routine and non-routine maintenance performed, including dates and duration of any outages; and
- iv. A log detailing checks of the air flow direction or air pressure of the dryer and press room to insure compliance with the requirements of 35 IAC 218.407(a)(1)(B) at least once per 24-hour period while the line is operating.

b. Fountain Solution

- i. The Permittee shall collect and record the name and identification of each batch of fountain solution prepared for use on one or more lithographic printing lines or centralized reservoir using such batch of fountain solution, and the applicable VOM content limitation for the batch [35 IAC 218.411(c)(2)(A)];

- ii. For each batch of as-applied fountain solution, the following information shall be collected and recorded, pursuant to 35 IAC 218.411(c)(2)(C):
 - A. Date and time of preparation and each subsequent modification of the batch;
 - B. Volume and VOM content of each component used in, or subsequently added to, the fountain solution batch;
 - C. Calculated VOM content in terms of volume percent of the as-applied fountain solution; and
 - D. Any other information necessary to demonstrate compliance with the applicable VOM content limits.
- iii. As an alternative, the owner or operator shall collect and record the following when a hydrometer, refractometer or conductivity meter is used to comply with the monitoring requirements [35 IAC 218.411(c)(2)(B)].
 - A. The date and time of preparation of each batch of fountain solution, and each subsequent modification, of the batch;
 - B. The results of each measurement taken in accordance with 35 IAC 218.410(b)(1)(B). Measurements are required to be taken each time a fresh batch of fountain solution is prepared or each time VOM is added to an existing batch of fountain solution;
 - C. Documentation of the periodic calibration of the meter in accordance with the manufacturer's specifications, including date and time of calibration, personnel conducting, identity of standard solution, and resultant reading; and
 - D. Documentation of the periodic temperature adjustment of the meter, including date and time of adjustment, personnel conducting and results.

d. Cleaning Solution

For each batch of cleaning solution for which the owner or operator relies on the vapor pressure of the cleaning solution to comply with Condition 7.1.3, the Permittee shall collect and record the following information, pursuant to 35 IAC 218.411(d) (2) (C):

- i. The name and identification of each cleaning solution;
- ii. Date and time of preparation, and each subsequent modification, of the batch;
- iii. The molecular weight, density, and VOM composite partial vapor pressure of each cleaning solvent, as determined in accordance with Section 218.409(e) of this Subpart;
- iv. The total amount of each cleaning solvent used to prepare the as-used cleaning solution;
- v. The VOM composite partial vapor pressure of each as-used cleaning solution in mmHg at 20°C (68°F); and
- vi. The owner or operator shall record the date, time and duration of scheduled inspections performed to confirm the proper use of closed containers to control VOM emissions, and any instances of improper use of closed containers, with descriptions of actual practice and corrective action taken, if any [35 IAC 218.411(d) (2) (D)].

e. The Permittee shall collect and record the following information for the affected lithographic line:

- i. Monthly usage of each ink, coating, fountain solution, cleaning solution, adhesives and additives, and any other VOM containing materials in pounds or gallons;
- ii. The VOM content of each ink, coating, fountain solution, cleaning solution and any other VOM containing materials used with basis, accompanied by a copy of the supporting information, e.g., supplier data sheet or laboratory analysis report; and

- iii. Total VOM emissions and VOM emissions from each affected printing line calculated in accordance with procedures given in Condition 7.1.12 for the current plus the preceding 11 months.

7.1.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section of noncompliance with applicable requirements as follows:

- a. Report of Deviations

If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences [Section 39.5(7)(f)(ii) of the Act];

- b. Report for Changing Method of Compliance

If the Permittee changes the method of demonstrating compliance with the applicable VOM content limitations in 35 IAC 218.407 or changes the method of demonstrating compliance with the VOM content limitations for fountain solutions or cleaning solutions, the Permittee shall certify compliance for such new methods in accordance with the requirements of the certification reports of Condition 9.8 within 30 days after making such change, and perform all tests and calculations necessary to demonstrate that such printing line(s) will be in compliance with the applicable requirements of 35 IAC 218.407 and the requirements of this permit [35 IAC 218.411(c)(4) and (d)(4)].

7.1.11 Operational Flexibility/Anticipated Operating Scenarios

The Permittee is authorized to make the following physical or operational change with respect to the affected heatset printing lines without prior notification to the Illinois EPA or revision of this permit. This condition does not affect the Permittee's obligation to properly obtain a construction permit in a timely manner for the activity constituting construction or modification of the source, as defined in 35 IAC 201.102:

Usage of inks, fountain solutions, cleaning solvents at this source, provided that the Permittee continues to comply with the conditions of this permit.

7.1.12 Compliance Procedures

Compliance with Annual VOM emission limits in Condition 5.5.1 shall be determined using the emission factors and formulas listed below:

- a. The Permittee may presume 20% retention of ink VOM in the web, as stated in 35 IAC 218.411(a)(1)(B)(iii);
- b. The owner or operator may presume 70% capture of the fountain solution VOM by the afterburner system for affected printing line as stated in USEPA's Alternative Control Techniques Document Offset Lithographic Printing (EPA 453/R-94-054, June 1994);
- c. For manual-cleaning solution used on affected printing line a 50% emission factor of the cleaning solution used may be presumed stated in USEPA's Alternative Control Techniques Document Offset Lithographic Printing (EPA 453/R-94-054, June 1994).
- d. Emission Calculations for Heatset Web Offset Lithographic Lines shall be based on the following:

VOM Emissions from Ink Usage = VOM Contained in Ink x $0.8 \times (100 - \text{Destruction Efficiency}/100)$

VOM Emissions from Fountain Solution = Fountain Solution VOM Usage x $[100 - (0.7)(\text{Destruction Efficiency}/100)]$

VOM Emissions from Manual Cleaning Solution = Manual VOM Cleaning Solution Usage x 0.5

VOM Emissions from Adhesives and Additives, or any VOM Containing Material = VOM Usage x $[100 - (\text{Destruction Efficiency}/100)]$

7.2 Group 2: Sheetfed Lithographic Printing Lines

7.2.1 Description

The four presses consist of two 6-color, one 4-color, and one 2-color 28" x 40" sheet-fed coldset Offset Heidelberg presses.

7.2.2 List of Emission Units and Pollution Control Equipment

Emission Unit	Equipment	Description	Emission Control Equipment
Group 2	Sheetfed Lithographic Printing Lines	Four Sheetfed Lithographic Presses (#28-#31) Date of Construction: 2002	None

7.2.3 Applicability Provisions and Applicable Regulations

- a. An "affected sheetfed lithographic printing line" for the purpose of these unit specific conditions is the printing operation that is identified in Conditions 7.2.1 and 7.2.2.
- b. Each affected sheetfed lithographic printing line is subject to limitations of 35 IAC 218.407(a)(3) for as-applied fountain solution, which provides that:

No owner or operator of any sheetfed offset lithographic printing line shall apply fountain solution with the VOM content exceeding the following limits:

 - i. 5 percent, by volume; or
 - ii. 8.5 percent, by volume, and the temperature of the fountain solution is maintained below 15.6°C (60°F), measured at the reservoir or the fountain tray.
 - iii. The Permittee may comply with either VOM limitation in Conditions 7.2.3(b)(i) and 7.2.3(b)(ii) as necessary without notifying the Illinois EPA, provided that records are maintained in accordance with 7.2.9.

- c. Each affected sheetfed lithographic printing line at the source is subject to limitations of 35 IAC 218.407(a) (4) for as-used cleaning solution, which provides that:

No owner or operator of any lithographic printing line shall apply the as-used cleaning solution with VOM content or VOM composite partial vapor pressure equal to or exceeding the following limits:

- i. 30 percent of VOM content by weight; or
 - ii. 10 mmHg at 20°C (68°F).
 - iii. The Permittee may comply with either limitation in Conditions 7.2.3(c) (i) and 7.2.3(c) (ii) as necessary without notifying the Illinois EPA, provided that records are maintained in accordance with 7.2.9.
- d. Each affected sheetfed lithographic printing line at the source is subject to requirements of 35 IAC 218.407(a) (5) for keeping cleaning materials, which provides that:

The VOM containing cleaning materials, including used cleaning towels associated with any lithographic printing line shall be kept, stored and disposed of in closed containers.

- e. Each affected sheetfed lithographic printing line is subject to the following limitation:

- i. No owner or operator of an affected printing line shall apply at any time any coating in which the VOM content exceeds the following emission limitations for the paper coating as applied pursuant to 35 IAC 218.204(c). The following emission limitation is expressed in units of VOM per volume of coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied at each coating applicator:

<u>kg/l</u>	<u>lb/gal</u>
0.28	2.3

- ii. Compounds which are specifically exempted from the definition of VOM should be treated as water for the purpose of calculating the "less water" part of the coating composites.

7.2.4 Non-Applicability of Regulations of Concern

This permit is issued based on the affected sheetfed lithographic printing lines not being subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because these lines do not use air pollution control device(s) to comply with applicable emission standards.

7.2.5 Operational and Production Limits and Work Practices

Operation of the sheetfed lithographic printing lines shall not exceed the following limits:

Throughput of Printing Inks	
(Ton/Hr)	(Ton/Yr)
0.22	80.3

7.2.6 Emission Limitations

- a. In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5.1, the affected sheetfed lithographic printing lines shall not exceed the following limits:

<u>(Ton/Month)</u>	<u>(Ton/Year)</u>
1.05	10.5

The above limitations were established in Permit #02040028, pursuant to 35 IAC Part 203. These limits ensure that the construction and/or modification addressed in the aforementioned permit does not constitute a new major source or major modification pursuant to Title I of the CAA, specifically 35 IAC Part 203 [T1].

- b. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 months total).

7.2.7 Testing Requirements

Upon request from the Illinois EPA or USEPA, testing to demonstrate compliance with the VOM content limitations for fountain and cleaning solution, and to determine the VOM content of fountain solutions, fountain solution additives, cleaning solvents, cleaning solutions, coating, inks, and manifested waste shall be conducted, as follows:

- a. Testing to demonstrate compliance with the VOM content limitations in 35 IAC 218.407(a) (3) and (a) (4) (A) shall be conducted by the Permittee upon request of the Illinois EPA, as follows:
 - i. The applicable test methods and procedures specified in 35 IAC 218.105(a) shall be used; provided, however, Method 24, incorporated by reference at 35 IAC 218.112, shall be used to demonstrate compliance; or
 - ii. The manufacturer's specifications for VOM content for fountain solution additives, cleaning solvents, and inks may be used if such manufacturer's specifications are based on results of tests of the VOM content conducted in accordance with methods specified in 35 IAC 218.105(a); provided, however, Method 24 shall be used to determine compliance.
- b. Testing to determine the VOM composite partial vapor pressure of cleaning solvents, cleaning solvent concentrates, and as-used cleaning solutions shall be conducted by the Permittee in accordance with the applicable methods and procedures specified in 35 IAC 218.110.

7.2.8 Monitoring Requirements

- a. Fountain Solution
 - i. Fountain Solution Temperature
 - A. The owner or operator of any lithographic printing line relying on the temperature of the fountain solution shall install, maintain, and continuously operate a temperature monitor of the fountain solution in the reservoir or fountain tray, as applicable [35 IAC 218.410(a) (1)].

- B. The temperature monitor must be capable of reading with an accuracy of 0.3°C or 0.5°F, and must be attached to an automatic, continuous recording device such as a strip chart, recorder, or computer, with at least the same accuracy, that is installed, calibrated and maintained in accordance with the manufacturer's specifications. If the automatic, continuous recording device malfunctions, the owner or operator shall record the temperature of the fountain solution at least once every two operating hours. The automatic, continuous recording device shall be repaired or replaced as soon as practicable [35 IAC 218.410(a)(2)].

ii. Fountain Solution VOM Content

- A. For a fountain solution to which VOM is not added automatically:
1. Maintain records of the VOM content of the fountain solution; or
 2. Take a sample of the as-applied fountain solution from the fountain tray or reservoir, as applicable, each time a fresh batch of fountain solution is prepared or each time VOM is added to an existing batch of fountain solution in the fountain tray or reservoir, and shall determine compliance with the VOM content limitation of the as-applied fountain solution by using one of the following options:
 - With a refractometer or hydrometer with a visual, analog, or digital readout and with an accuracy of 0.5 percent. The refractometer or hydrometer must be calibrated with a standard solution for the type of VOM used in the fountain solution, in accordance with

manufacturer's
specifications, against
measurements performed to
determine compliance. The
refractometer or hydrometer
must be corrected for
temperature at least once per
8-hour shift or once per
batch of fountain solution
prepared or modified,
whichever is longer; or

- With a conductivity meter if
it is demonstrated that a
refractometer and hydrometer
cannot distinguish between
compliant and noncompliant
fountain solution for the
type and amount of VOM in the
fountain solution. A source
may use a conductivity meter
if it demonstrates that both
hydrometers and
refractometers fail to
provide significantly
different measurements for
standard solutions containing
95 percent, 100 percent and
105 percent of the applicable
VOM content limit. The
conductivity meter reading
for the fountain solution
must be referenced to the
conductivity of the incoming
water. A standard solution
shall be used to calibrate
the conductivity meter for
the type of VOM used in the
fountain solution, in
accordance with
manufacturer's
specifications;

- B. For fountain solutions to which VOM is
added at the source with automatic feed
equipment, determine the VOM content of
the as-applied fountain solution based on
the setting of the automatic feed
equipment which makes additions of VOM up

to a pre-set level. The equipment used to make automatic additions must be installed, calibrated, operated and maintained in accordance with manufacturer's specifications.

- C. The Permittee may comply with either method described in Conditions 7.1.8(a)(ii)(A) and 7.1.8(a)(ii)(B) as necessary without notifying the Illinois EPA, provided that records are maintained in accordance with 7.1.9.

b. Cleaning Solution

- i. The owner or operator of any lithographic printing line relying on the VOM content of the cleaning solution must:
 - A. For cleaning solutions that are prepared at the source with equipment that automatically mixes cleaning solvent and water (or other non-VOM materials):
 - Install, operate, maintain, and calibrate the automatic feed equipment in accordance with manufacturer's specifications to regulate the volume of each of the cleaning solvent and water (or other non-VOM materials), as mixed; and
 - Pre-set the automatic feed equipment so that the consumption rates of the cleaning solvent and water (or other non-VOM materials), as applied, comply with Condition 7.1.3 of this Section.
 - B. For cleaning solutions that are not prepared at the source with automatic feed equipment, keep records of the usage of cleaning solvent and water (or other non-VOM materials).
- ii. The owner or operator of any lithographic printing line relying on the vapor pressure of the cleaning solution to comply with 35 IAC 218.407(a)(4)(B) must keep records for such cleaning solutions used on any such line(s).

- iii. The Permittee may comply with either method described in Conditions 7.1.8(b)(i) and 7.1.8(b)(ii) as necessary without notifying the Illinois EPA, provided that records are maintained in accordance with 7.1.9.

7.2.9 Recordkeeping Requirements

The Permittee shall maintain records of the following items for the affected printing lines to demonstrate compliance with conditions of this permit, pursuant to Section 39.5(7)(b) of the Act:

a. Fountain Solution

- i. The Permittee shall collect and record the name and identification of each batch of fountain solution prepared for use on one or more lithographic printing lines or centralized reservoir using such batch of fountain solution, and the applicable VOM content limitation for the batch [35 IAC 218.411(c)(2)(A)].
- ii. For each batch of as-applied fountain solution, the following information shall be collected and recorded, pursuant to 35 IAC 218.411(c)(2)(C):
 - A. Date and time of preparation and each subsequent modification of the batch;
 - B. Volume and VOM content of each component used in, or subsequently added to, the fountain solution batch;
 - C. Calculated VOM content in terms of volume percent of the as-applied fountain solution; and
 - D. Any other information necessary to demonstrate compliance with the applicable VOM content limits.
- iii. As an alternative to (ii), the Permittee shall collect and record the following when a hydrometer, refractometer or conductivity meter is used to comply with the monitoring requirements [35 IAC 218.411(c)(2)(B)].

- A. The date and time of preparation of each batch of fountain solution, and each subsequent modification, of the batch;
 - B. The results of each measurement taken in accordance with 35 IAC 218.410(b) (1) (B). Measurements are required to be taken each time a fresh batch of fountain solution is prepared or each time VOM is added to an existing batch of fountain solution;
 - C. Documentation of the periodic calibration of the meter in accordance with the manufacturer's specifications, including date and time of calibration, personnel conducting, identity of standard solution, and resultant reading; and
 - D. Documentation of the periodic temperature adjustment of the meter, including date and time of adjustment, personnel conducting and results.
- b. Cleaning Solution
- i. For each batch of cleaning solution for which the owner or operator relies on the vapor pressure of the cleaning solution to comply with Condition 7.1.3(c) (ii), the Permittee shall collect and record the following information, pursuant to 35 IAC 218.411(d) (2) (C):
 - A. The name and identification of each cleaning solution;
 - B. Date and time of preparation, and each subsequent modification, of the batch;
 - C. The molecular weight, density, and VOM composite partial vapor pressure of each cleaning solvent, as determined in accordance with Section 218.409(e) of this Subpart;

- D. The total amount of each cleaning solvent used to prepare the as-used cleaning solution; and
 - E. The VOM composite partial vapor pressure of each as-used cleaning solution, as determined in accordance with Section 218.409(e) of this Subpart.
- ii. The Permittee shall record the date, time and duration of scheduled inspections performed to confirm the proper use of closed containers to control VOM emissions, and any instances of improper use of closed containers, with descriptions of actual practice and corrective action taken, if any [35 IAC 218.411(d)(2)(D)].
- c. The Permittee shall collect and record the following information for the affected sheetfed lithographic printing line:
 - i. Total monthly and annual VOM usage for all affected lines, in terms of pounds;
 - ii. The VOM and HAP content of each ink, coating, fountain solution, and cleaning solution used, accompanied by a copy of the supporting information, e.g., supplier data sheet or laboratory analysis reports;
 - iii. Total monthly and annual ink usage (ton/mo and ton/yr);
 - iv. Total emissions of VOM and HAPs from all affected lithographic printing lines calculated in accordance with procedures given in Condition 7.2.12 for the current month plus the preceding 11 months;
 - v. Amount of manifested waste (lb/year) generated on the affected printing lines and VOM content of waste (wt. %); and
 - vii. The Permittee shall maintain an operating log that states which method of compliance is being used for the cleaning and fountain solutions and the dates each method is used.

7.2.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section of noncompliance with applicable requirements as follows pursuant to Section 39.5(7)(f)(ii) of the Act:

a. Report of Deviations

If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.

b. Report for Changing Method of Compliance

If the Permittee changes the method of demonstrating compliance with the applicable VOM content limitations in 35 IAC 218.407 or changes the method of demonstrating compliance with the VOM content limitations for fountain solutions or cleaning solutions, the Permittee shall certify compliance for such new methods in accordance with the requirements of the certification reports of Condition 9.8 within 30 days after making such change, and perform all tests and calculations necessary to demonstrate that such printing line(s) will be in compliance with the applicable requirements of 35 IAC 218.407 and the requirements of this permit [35 IAC 218.411(c)(4) and (d)(4)].

7.2.11 Operational Flexibility/Anticipated Operating Scenarios

The Permittee is authorized to make the following physical or operational changes with respect to an affected printing line without prior to notification the Illinois EPA or revision of this permit. This condition does not affect the Permittee's obligation to properly obtain a construction permit in a timely manner for any activity constituting construction or modification of the source, as defined in 35 IAC 201.102:

- a. Usage of coatings, ink, fountain solution, cleaning solvents, or other raw materials at this source with various VOM contents provided that the materials are tested in accordance with Condition 7.2.7, the emission limitations in Conditions 5.5.1 and 7.2.6 are not exceeded and an affected sheetfed lithographic printing line remains in compliance with Condition 7.2.3.
- b. Activities involving routine repair, replacement of parts, general maintenance, replacement of equipment and physical relocation of equipment on-site provided the emission limitations in Conditions 5.5.1 and 7.2.6 are not exceeded and the affected printing line remains in compliance with 7.2.3.

7.2.12 Compliance Procedures

- a. Compliance of the affected sheetfed lithographic printing line with VOM emission limitations in Condition 7.2.3 shall be based on the recordkeeping requirements in Condition 7.2.9.
- b. Compliance with annual VOM emission limits in Conditions 5.5.1 and 7.2.6 and HAPs emissions from the affected sheetfed lithographic printing lines shall be determined by using the emission factors and formulas listed below:
 - i. The Permittee may presume 95% retention of coldset ink VOM/HAP in substrate, as stated in 35 IAC 218.411(a)(1)(B)(iii);
 - ii. The Permittee may presume 50% retention of the manual blanket wash VOM/HAP in the cleaning towels;
 - iii. $\text{VOM/HAP Emissions from Ink Usage} = \text{VOM Ink Usage} \times 0.05 - \text{VOM Ink Waste}$
 - iv. $\text{VOM/HAP Emissions from Fountain Solution} = \text{VOM Fountain Solution Usage} - \text{VOM Fountain Solution Waste}$
 - v. $\text{VOM/HAP Emissions from the Manual Cleaning Solution (Manual Blanket Wash)} = \text{Manual Cleaning Solution VOM Usage} \times 0.5$

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- vi. VOM/HAP Emissions from the Automatic Blanket Wash = Automatic Blanket Wash VOM Usage - Automatic Blanket Wash Waste
- vii. Total VOM/HAP Emissions = Ink VOM/HAP Emissions + Fountain Solution VOM/HAP Emissions + Cleaning Solution VOM/HAP Emissions (Manual Blanket Wash VOM/HAP Emissions + Automatic Blanket Wash VOM Emissions) + Coating VOM/HAP Emissions

8.0 GENERAL PERMIT CONDITIONS

8.1 Permit Shield

Pursuant to Section 39.5(7)(j) of the Act, the Permittee has requested and has been granted a permit shield. This permit shield provides that compliance with the conditions of this permit shall be deemed compliance with applicable requirements which were applicable as of the date the proposed permit for this source was issued, provided that either the applicable requirements are specifically identified within this permit, or the Illinois EPA, in acting on this permit application, has determined that other requirements specifically identified are not applicable to this source and this determination (or a concise summary thereof) is included in this permit.

This permit shield does not extend to applicable requirements that are promulgated after _____ (the date of issuance of the draft permit) unless this permit has been modified to reflect such new requirements.

8.2 Applicability of Title IV Requirements (Acid Deposition Control)

This source is not an affected source under Title IV of the CAA and is not subject to requirements pursuant to Title IV of the CAA.

8.3 Emissions Trading Programs

As of the date of issuance of this permit, there are no such economic incentive, marketable permit or emission trading programs that have been approved by USEPA.

8.4 Operational Flexibility/Anticipated Operating Scenarios

8.4.1 Changes Specifically Addressed by Permit

Physical or operational changes specifically addressed by the Conditions of this permit that have been identified as not requiring Illinois EPA notification may be implemented without prior notice to the Illinois EPA.

8.4.2 Changes Requiring Prior Notification

The Permittee is authorized to make physical or operational changes that contravene express permit terms without applying for or obtaining an amendment to this permit, provided that [Section 39.5(12)(a)(i) of the Act]:

- a. The changes do not violate applicable requirements;
- b. The changes do not contravene federally enforceable permit terms or conditions that are monitoring (including test methods), recordkeeping, reporting, or compliance certification requirements;
- c. The changes do not constitute a modification under Title I of the CAA;
- d. Emissions will not exceed the emissions allowed under this permit following implementation of the physical or operational change; and
- e. The Permittee provides written notice to the Illinois EPA, Division of Air Pollution Control, Permit Section, at least 7 days before commencement of the change. This notice shall:
 - i. Describe the physical or operational change;
 - ii. Identify the schedule for implementing the physical or operational change;
 - iii. Provide a statement of whether or not any New Source Performance Standard (NSPS) is applicable to the physical or operational change and the reason why the NSPS does or does not apply;
 - iv. Provide emission calculations which demonstrate that the physical or operational change will not result in a modification; and
 - v. Provide a certification that the physical or operational change will not result in emissions greater than authorized under the Conditions of this permit.

8.5 Testing Procedures

Tests conducted to measure composition of materials, efficiency of pollution control devices, emissions from process or control equipment, or other parameters shall be conducted using standard test methods. Documentation of the test date, conditions, methodologies, calculations, and test results shall be retained pursuant to the recordkeeping procedures of this permit. Reports of any tests conducted as required by this permit or as the result of a request by the Illinois EPA shall be submitted as specified in Condition 8.6.

8.6 Reporting Requirements

8.6.1 Monitoring Reports

If monitoring is required by any applicable requirements or conditions of this permit, a report summarizing the required monitoring results, as specified in the conditions of this permit, shall be submitted to the Air Compliance Section of the Illinois EPA every six months as follows [Section 39.5(7)(f) of the Act]:

<u>Monitoring Period</u>	<u>Report Due Date</u>
January - June	September 1
July - December	March 1

All instances of deviations from permit requirements must be clearly identified in such reports. All such reports shall be certified in accordance with Condition 9.9.

8.6.2 Test Notifications

Unless otherwise specified elsewhere in this permit, a written test plan for any test required by this permit shall be submitted to the Illinois EPA for review at least 60 days prior to the testing pursuant to Section 39.5(7)(a) of the Act. The notification shall include at a minimum:

- a. The name and identification of the affected unit(s);
- b. The person(s) who will be performing sampling and analysis and their experience with similar tests;
- c. The specific conditions under which testing will be performed, including a discussion of why these conditions will be representative of maximum emissions and the means by which the operating parameters for the source and any control equipment will be determined;
- d. The specific determination of emissions and operation which are intended to be made, including sampling and monitoring locations;
- e. The test method(s) which will be used, with the specific analysis method, if the method can be used with different analysis methods;

- f. Any minor changes in standard methodology proposed to accommodate the specific circumstances of testing, with justification; and
- g. Any proposed use of an alternative test method, with detailed justification.

8.6.3 Test Reports

Unless otherwise specified elsewhere in this permit, the results of any test required by this permit shall be submitted to the Illinois EPA within 60 days of completion of the testing. The test report shall include at a minimum [Section 39.5(7)(e)(i) of the Act]:

- a. The name and identification of the affected unit(s);
- b. The date and time of the sampling or measurements;
- c. The date any analyses were performed;
- d. The name of the company that performed the tests and/or analyses;
- e. The test and analytical methodologies used;
- f. The results of the tests including raw data, and/or analyses including sample calculations;
- g. The operating conditions at the time of the sampling or measurements; and
- h. The name of any relevant observers present including the testing company's representatives, any Illinois EPA or USEPA representatives, and the representatives of the source.

8.6.4 Reporting Addresses

- a. The following addresses should be utilized for the submittal of reports, notifications, and renewals:
 - i. Illinois EPA - Air Compliance Section

Illinois Environmental Protection Agency
Bureau of Air
Compliance Section (MC 40)
P.O. Box 19276
Springfield, Illinois 62794-9276

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ii. Illinois EPA - Air Regional Field Office

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

iii. Illinois EPA - Air Permit Section

Illinois Environmental Protection Agency
Division of Air Pollution Control
Permit Section (MC 11)
P.O. Box 19506
Springfield, Illinois 62794-9506

iv. USEPA Region 5 - Air Branch

USEPA (AE - 17J)
Air & Radiation Division
77 West Jackson Boulevard
Chicago, Illinois 60604

- b. Unless otherwise specified in the particular provision of this permit, reports shall be sent to the Illinois EPA - Air Compliance Section with a copy sent to the Illinois EPA - Air Regional Field Office.

8.7 Obligation to Comply with Title I Requirements

Any term, condition, or requirement identified in this permit by T1, T1R, or T1N is established or revised pursuant to 35 IAC Part 203 or 40 CFR 52.21 ("Title I provisions") and incorporated into this permit pursuant to both Section 39.5 and Title I provisions. Notwithstanding the expiration date on the first page of this permit, the Title I conditions remain in effect pursuant to Title I provisions until the Illinois EPA deletes or revises them in accordance with Title I procedures.

9.0 STANDARD PERMIT CONDITIONS

9.1 Effect of Permit

9.1.1 The issuance of this permit does not release the Permittee from compliance with State and Federal regulations which are part of the Illinois State Implementation Plan, as well as with other applicable statutes and regulations of the United States or the State of Illinois or applicable ordinances, except as specifically stated in this permit and as allowed by law and rule [Section 39.5(7)(j)(iv) of the Act].

9.1.2 In particular, this permit does not alter or affect the following:

- a. The provisions of Section 303 (emergency powers) of the CAA, including USEPA's authority under that Section;
- b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
- c. The applicable requirements of the acid rain program consistent with Section 408(a) of the CAA; and
- d. The ability of USEPA to obtain information from a source pursuant to Section 114 (inspections, monitoring, and entry) of the CAA.

9.1.3 Notwithstanding the conditions of this permit specifying compliance practices for applicable requirements, any person (including the Permittee) may also use other credible evidence to establish compliance or noncompliance with applicable requirements.

9.2 General Obligations of Permittee

9.2.1 Duty to Comply

The Permittee must comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the CAA and the Act, and is grounds for any or all of the following: enforcement action, permit termination, revocation and reissuance, modification, or denial of a permit renewal application [Section 39.5(7)(o)(i) of the Act].

The Permittee shall meet applicable requirements that become effective during the permit term in a timely manner unless an alternate schedule for compliance with the applicable requirement is established.

9.2.2 Duty to Maintain Equipment

The Permittee shall maintain all equipment covered under this permit in such a manner that the performance or operation of such equipment shall not cause a violation of applicable requirements.

9.2.3 Duty to Cease Operation

No person shall cause, threaten or allow the continued operation of any emission unit during malfunction or breakdown of the emission unit or related air pollution control equipment if such operation would cause a violation of an applicable emission standard, regulatory requirement, ambient air quality standard or permit limitation unless such malfunction or breakdown is allowed by a permit condition [Section 39.5(6)(c) of the Act].

9.2.4 Disposal Operations

The source shall be operated in such a manner that the disposal of air contaminants collected by the equipment operations, or activities shall not cause a violation of the Act or regulations promulgated thereunder.

9.2.5 Duty to Pay Fees

The Permittee must pay fees to the Illinois EPA consistent with the fee schedule approved pursuant to Section 39.5(18) of the Act, and submit any information relevant thereto [Section 39.5(7)(o)(vi) of the Act]. The check should be payable to "Treasurer, State of Illinois" and sent to: Fiscal Services Section, Illinois Environmental Protection Agency, P.O. Box 19276, Springfield, Illinois 62794-9276.

9.3 Obligation to Allow Illinois EPA Surveillance

Upon presentation of proper credentials and other documents, the Permittee shall allow the Illinois EPA, or an authorized representative to perform the following [Section 39.5(7)(a) and (p)(ii) of the Act and 415 ILCS 5/4]:

- a. Enter upon the Permittee's premises where an actual or potential emission unit is located; where any regulated equipment, operation, or activity is located or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- c. Inspect during hours of operation any sources, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- d. Sample or monitor any substances or parameters at any location:
 - i. At reasonable times, for the purposes of assuring permit compliance; or
 - ii. As otherwise authorized by the CAA, or the Act.
- e. Obtain and remove samples of any discharge or emission of pollutants authorized by this permit; and
- f. Enter and utilize any photographic, recording, testing, monitoring, or other equipment for the purposes of preserving, testing, monitoring, or recording any activity, discharge or emission at the source authorized by this permit.

9.4 Obligation to Comply with Other Requirements

The issuance of this permit does not release the Permittee from applicable State and Federal laws and regulations, and applicable local ordinances addressing subjects other than air pollution control.

9.5 Liability

9.5.1 Title

This permit shall not be considered as in any manner affecting the title of the premises upon which the permitted source is located.

9.5.2 Liability of Permittee

This permit does not release the Permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the sources.

9.5.3 Structural Stability

This permit does not take into consideration or attest to the structural stability of any unit or part of the source.

9.5.4 Illinois EPA Liability

This permit in no manner implies or suggests that the Illinois EPA (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the source.

9.5.5 Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege [Section 39.5(7)(o)(iv) of the Act].

9.6 Recordkeeping

9.6.1 Control Equipment Maintenance Records

A maintenance record shall be kept on the premises for each item of air pollution control equipment. As a minimum, this record shall show the dates of performance and nature of preventative maintenance activities.

9.6.2 Records of Changes in Operation

A record shall be kept describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under this permit, and the emissions resulting from those changes [Section 39.5(12)(b)(iv) of the Act].

9.6.3 Retention of Records

- a. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit [Section 39.5(7)(e)(ii) of the Act].

- b. Other records required by this permit shall be retained for a period of at least 5 years from the date of entry unless a longer period is specified by a particular permit provision.

9.7 Annual Emissions Report

The Permittee shall submit an annual emissions report to the Illinois EPA, Compliance Section no later than May 1 of the following year, as required by 35 IAC Part 254.

9.8 Requirements for Compliance Certification

Pursuant to Section 39.5(7)(p)(v) of the Act, the Permittee shall submit annual compliance certifications. The compliance certifications shall be submitted no later than May 1 or more frequently as specified in the applicable requirements or by permit condition. The compliance certifications shall be submitted to the Air Compliance Section, Air Regional Field Office, and USEPA Region 5 - Air Branch. The addresses for the submittal of the compliance certifications are provided in Condition 8.6.4 of this permit.

- a. The certification shall include the identification of each term or condition of this permit that is the basis of the certification; the compliance status; whether compliance was continuous or intermittent; the method(s) used for determining the compliance status of the source, both currently and over the reporting period consistent with the conditions of this permit.
- b. All compliance certifications shall be submitted to USEPA Region 5 in Chicago as well as to the Illinois EPA.
- c. All compliance reports required to be submitted shall include a certification in accordance with Condition 9.9.

9.9 Certification

Any document (including reports) required to be submitted by this permit shall contain a certification by a responsible official of the Permittee that meets the requirements of Section 39.5(5) of the Act [Section 39.5(7)(p)(i) of the Act]. An example Certification by a Responsible Official is included as an attachment to this permit.

9.10 Defense to Enforcement Actions

9.10.1 Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit [Section 39.5(7)(o)(ii) of the Act].

9.10.2 Emergency Provision

- a. An emergency shall be an affirmative defense to an action brought for noncompliance with the technology-based emission limitations under this permit if the following conditions are met through properly signed, contemporaneous operating logs, or other relevant evidence:
 - i. An emergency occurred as provided in Section 39.5(7)(k) of the Act and the Permittee can identify the cause(s) of the emergency. Normally, an act of God such as lightning or flood is considered an emergency;
 - ii. The permitted source was at the time being properly operated;
 - iii. The Permittee submitted notice of the emergency to the Illinois EPA within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a detailed description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
 - iv. During the period of the emergency the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission limitations, standards, or regulations in this permit.
- b. This provision is in addition to any emergency or upset provision contained in any applicable requirement. This provision does not relieve a Permittee of any reporting obligations under existing federal or state laws or regulations.

9.11 Permanent Shutdown

This permit only covers emission units and control equipment while physically present at the indicated source location(s). Unless this permit specifically provides for equipment relocation, this permit is void for the operation or activity of any item of equipment on the date it is removed from the permitted location(s) or permanently shut down. This permit expires if all equipment is removed from the permitted location(s), notwithstanding the expiration date specified on this permit.

9.12 Reopening and Reissuing Permit for Cause

9.12.1 Permit Actions

This permit may be modified, reopened, and reissued, for cause pursuant to Section 39.5(15) of the Act. The filing of a request by the Permittee for a permit modification, revocation, and reissuance, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition [Section 39.5(7)(o)(iii) of the Act].

9.12.2 Reopening and Revision

This permit must be reopened and revised if any of the following occur [Section 39.5(15)(a) of the Act]:

- a. Additional requirements become applicable to the equipment covered by this permit and three or more years remain before expiration of this permit;
- b. Additional requirements become applicable to an affected source for acid deposition under the acid rain program;
- c. The Illinois EPA or USEPA determines that this permit contains a material mistake or inaccurate statement when establishing the emission standards or limitations, or other terms or conditions of this permit; and
- d. The Illinois EPA or USEPA determines that this permit must be revised to ensure compliance with the applicable requirements of the Act.

9.12.3 Inaccurate Application

The Illinois EPA has issued this permit based upon the information submitted by the Permittee in the permit application. Any misinformation, false statement or misrepresentation in the application shall be grounds for revocation under Section 39.5(15)(b) of the Act.

9.12.4 Duty to Provide Information

The Permittee shall furnish to the Illinois EPA, within a reasonable time specified by the Illinois EPA any information that the Illinois EPA may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to the Illinois EPA copies of records required to be kept by this permit, or for information claimed to be confidential, the Permittee may furnish such records directly to USEPA along with a claim of confidentiality [Section 39.5(7)(o)(v) of the Act].

9.13 Severability Clause

The provisions of this permit are severable, and should any one or more be determined to be illegal or unenforceable, the validity of the other provisions shall not be affected. The rights and obligations of the Permittee shall be construed and enforced as if this permit did not contain the particular provisions held to be invalid and the applicable requirements underlying these provisions shall remain in force [Section 39.5(7)(i) of the Act].

9.14 Permit Expiration and Renewal

The right to operate terminates on the expiration date unless the Permittee has submitted a timely and complete renewal application. For a renewal to be timely it must be submitted no later than 9 and no sooner than 12 months prior to expiration. The equipment may continue to operate during the renewal period until final action is taken by the Illinois EPA, in accordance with the original permit conditions [Section 39.5(5)(1), (n), and (o) of the Act].

10.0 ATTACHMENTS

10.1 Attachment 1 - Contemporaneous Emission Increases

NSR Applicability

Table I - Emissions Increases Associated With The Proposed Modification

<u>Item of Equipment</u>	<u>Installation Date</u>	<u>Permitted VOM Emissions (Tons/Year)</u>
Presses 28-31	2002	10.50

Table II - Source-Wide Creditable Contemporaneous Emission Decreases

None

Table III - Source-Wide Creditable Contemporaneous Emission Increases

<u>Item of Equipment</u>	<u>Operational Date</u>	<u>Permitted VOM Emissions (Tons/Year)</u>
Press #25	August 1998	8.95
Press #27	January 2000	<u>5.33</u>
		14.28

Table IV - Net Emissions Change

	<u>(Tons/Year)</u>
Increases Associated With The Proposed Modification	10.50
Creditable Contemporaneous Emission Increases	<u>14.28</u>
	24.78

10.2 Attachment 2 - Compliance Assurance Monitoring (CAM) Plan

Table 1 - PSEU Designation:

Lithographic Printing Lines 24,25,26
all controlled by thermal oxidizers

Pollutant:

VOM, HAP

Indicators:

#1: Oxidizer's temperature

#2: N/A

GENERAL CRITERIA

THE MONITORING APPROACH USED
TO MEASURE THE INDICATORS:

Continuous temperature
monitoring

N/A

THE INDICATOR RANGE WHICH
PROVIDES A REASONABLE
ASSURANCE OF COMPLIANCE:

The combustion chamber
temperature is to maintain
on or above optimum
operating temperature of
1,427°F set by the
manufacturer to achieve the
highest possible destruction
efficiency of VOM

N/A

QUALITY IMPROVEMENT PLAN
(QIP) THRESHOLD LEVELS:

The low (1,247°F) and high
(1,634°F) temperature set
points are designed for
automatic shutdown of the
oxidizer to ensure
combustion chamber is
operating normally during
routine operation to achieve
the highest destruction
efficiency

N/A

PERFORMANCE CRITERIA

THE SPECIFICATIONS FOR
OBTAINING REPRESENTATIVE
DATA:

The continuous chart
recorder provides the proof
that the oxidizer is working
properly at or above the set
operating temperature by the
manufacturer

N/A

VERIFICATION PROCEDURES TO
CONFIRM THE OPERATIONAL
STATUS OF THE MONITORING:

The destruction efficiency
of the thermal oxidizer is
tested to confirm
destruction efficiency level

N/A

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QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PRACTICES THAT ENSURE THE VALIDITY OF THE DATA:

Temperature is monitored by a temperature monitoring device, thermal couple, and automatically recorded by a chart recorder	N/A
Continuous	N/A
The temperature chart recorder is checked on a per shift basis to ensure that the operating temperature is recorded continuously during operation and the recorded data is normal	N/A
N/A	N/A

THE MONITORING FREQUENCY:

THE DATA COLLECTION PROCEDURES THAT WILL BE USED:

THE DATA AVERAGING PERIOD FOR DETERMINING WHETHER AN EXCURSION OR EXCEEDANCE HAS OCCURRED:

Table 2 - PSEU Designation:

Pollutant:

Lithographic Printing Lines 20, 21, 22, 23, and 27 all controlled by catalytic oxidizers
VOM, HAP

Indicators:

#1: Oxidizer's temperature	#2: N/A
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GENERAL CRITERIA

THE MONITORING APPROACH USED TO MEASURE THE INDICATORS:

THE INDICATOR RANGE WHICH PROVIDES A REASONABLE ASSURANCE OF COMPLIANCE:

QUALITY IMPROVEMENT PLAN (QIP) THRESHOLD LEVELS:

Continuous temperature monitoring	N/A
The combustion chamber temperature is to maintain on or above optimum operating temperature set by the manufacturer to achieve the highest possible destruction efficiency of VOM	N/A
The flameout as well as low at high temperature 550°F - 1,000°F, temperature set points are designed for	N/A

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automatic shutdown of the oxidizer to ensure combustion chamber is operating normally during routine operation to achieve the highest destruction efficiency	
--	--

PERFORMANCE CRITERIA

THE SPECIFICATIONS FOR OBTAINING REPRESENTATIVE DATA:

The continuous chart recorder provides the proof that the oxidizer is working properly at or above the set operating temperature by the manufacturer	N/A
--	-----

VERIFICATION PROCEDURES TO CONFIRM THE OPERATIONAL STATUS OF THE MONITORING:

The destruction efficiency of the thermal oxidizer is tested to confirm destruction efficiency level	N/A
--	-----

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PRACTICES THAT ENSURE THE VALIDITY OF THE DATA:

Temperature is monitored by a temperature monitoring device, thermal couple, and automatically recorded by a chart recorder	N/A
---	-----

THE MONITORING FREQUENCY:

Continuous	N/A
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THE DATA COLLECTION PROCEDURES THAT WILL BE USED:

The temperature chart recorder is checked on a per shift basis to ensure that the operating temperature is recorded continuously during operation and the recorded data is normal	N/A
---	-----

THE DATA AVERAGING PERIOD FOR DETERMINING WHETHER AN EXCURSION OR EXCEEDANCE HAS OCCURRED:

N/A	N/A
-----	-----

10.3 Attachment 3 Process Emission Units for Which Construction or Modification Commenced On or After April 14, 1972

- a. No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.321 [35 IAC 212.321(a)].
- b. The emissions of particulate matter into the atmosphere in any one-hour period from the affected coating lines shall not exceed the allowable emission rates specified in the following equation:

$$E = A (P)^B$$

Where:

P = Process weight rate

E = Allowable emission rate

- i. For process weight rates of 408 Mg/hr (450 T/hr):

	<u>Metric</u>	<u>English</u>
P	Mg/hr	T/hr
E	kg/hr	lbs/hr
A	1.214	2.54
B	0.534	0.534

- ii. For process weight rates in excess of 408 Mg/hr (450 T/hr):

	<u>Metric</u>	<u>English</u>
P	Mg/hr	T/hr
E	kg/hr	lbs/hr
A	11.42	24.8
B	0.16	0.16

- c. Limits for Process Emission Units for which Construction or Modification Commenced On or After April 14, 1972 [35 IAC 212.321(c)]:

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Metric		English	
P	E	P	E
Mg/hr	kg/hr	T/hr	lb/hr
0.05	0.25	0.05	0.55
0.1	0.29	0.10	0.77
0.2	0.42	0.2	1.10
0.3	0.64	0.30	1.35
0.4	0.74	0.40	1.58
0.5	0.84	0.50	1.75
0.7	1.00	0.75	2.40
0.9	1.15	1.00	2.60
1.8	1.66	2.00	3.70
2.7	2.1	3.00	4.60
3.6	2.4	4.00	5.35
4.5	2.7	5.00	6.00
9.0	3.9	10.00	8.70
13.0	4.8	15.00	10.80
18.0	5.7	20.00	12.50
23.0	6.5	25.00	14.00
27.0	7.1	30.00	15.60
32.0	7.7	35.00	17.00
36.0	8.2	40.00	18.20
41.0	8.8	45.00	19.20
45.0	9.3	50.00	20.50
90.0	13.4	100.00	29.50
140.0	17.0	150.00	37.00
180.0	19.4	200.00	43.00
230.0	22.0	250.00	48.50
270.0	24.0	300.00	53.00
320.0	26.0	350.00	58.00
360.0	28.0	400.00	62.00
408.0	30.1	450.00	66.00
454.0	30.4	500.00	67.00

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10.4 Attachment 4 - Example Certification by a Responsible Official

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____

Name: _____

Official Title: _____

Telephone No.: _____

Date Signed: _____

10.5 Attachment 5 - Guidance on Revising This Permit

The Permittee must submit an application to the Illinois EPA using the appropriate revision classification in accordance with Sections 39.5(13) and (14) of the Act and 35 IAC 270.302. Specifically, there are currently three classifications for revisions to a CAAPP permit. These are:

1. Administrative Permit Amendment;
2. Minor Permit Modification; and
3. Significant Permit Modification.

The Permittee must determine, request, and submit the necessary information to allow the Illinois EPA to use the appropriate procedure to revise the CAAPP permit. A brief explanation of each of these classifications follows.

1. Administrative Permit Amendment
 - Corrects typographical errors;
 - Identifies a change in the name, address, or phone number of any person identified in the permit, or provides a similar minor administrative change at the source;
 - Requires more frequent monitoring or reporting by the Permittee;
 - Allows for a change in ownership or operational control of the source where no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new Permittees has been submitted to the Illinois EPA;
 - Incorporates into the CAAPP permit a construction permit, provided the conditions of the construction permit meet the requirements for the issuance of CAAPP permits; or
 - Incorporates into the CAAPP permit revised limitations or other requirements resulting from the application of an approved economic incentives rule, marketable permits rule, or generic emissions trading rule.

2. Minor Permit Modification

- Do not violate any applicable requirement;
- Do not involve significant changes to existing monitoring, reporting, or recordkeeping requirements in the permit;
- Do not require a case-by-case determination of an emission limitation or other standard, or a source-specific determination of ambient impacts, or a visibility or increment analysis;
- Do not seek to establish or change a permit term or condition for which there is no corresponding underlying requirement and which avoids an applicable requirement to which the source would otherwise be subject. Such terms and conditions include:
 - A federally enforceable emissions cap assumed to avoid classification as a modification under any provision of Title I of the CAA; and
 - An alternative emissions limit approved pursuant to regulations promulgated under Section 112(i)(5) of the CAA.
- Are not modifications under any provision of Title I of the CAA; and
- Are not required to be processed as a significant permit modification.

An application for a minor permit modification shall include the following:

- A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
- The source's suggested draft permit/conditions;
- Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used; and

- Information as contained on form 271-CAAPP for the Illinois EPA to use to notify USEPA and affected States.

3. Significant Permit Modification

- Applications that do not qualify as either minor permit modifications or as administrative permit amendments;
- Applications requesting a significant change in existing monitoring permit terms or conditions;
- Applications requesting a relaxation of reporting or recordkeeping requirements; and
- Cases in which, in the judgment of the Illinois EPA, action on an application for modification would require decisions to be made on technically complex issues.

An application for a significant permit modification shall include the following:

- A detailed description of the proposed change(s), including all physical changes to equipment, changes in the method of operation, changes in emissions of each pollutant, and any new applicable requirements which will apply as a result of the proposed change. Note that the Permittee need only submit revised forms for equipment and operations that will be modified.

The Illinois EPA requires the information on the following appropriate forms to be submitted in accordance with the proper classification:

- Form 273-CAAPP, REQUEST FOR ADMINISTRATIVE PERMIT AMENDMENT FOR CAAPP PERMIT; or
- Form 271-CAAPP, MINOR PERMIT MODIFICATION FOR CAAPP PERMIT; or
- Form 200-CAAPP, APPLICATION FOR CAAPP PERMIT (for significant modification).

Application forms can be obtained from the Illinois EPA website at <http://www.epa.state.il.us/air/forms>.

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Note that the request to revise the permit must be certified for truth, accuracy, and completeness by a responsible official.

Note that failure to submit the required information may require the Illinois EPA to deny the application. The Illinois EPA reserves the right to require that additional information be submitted as needed to evaluate or take final action on applications pursuant to Section 39.5(5)(g) of the Act and 35 IAC 270.305.



Illinois Environmental Protection Agency
Division Of Air Pollution Control -- Permit Section
P.O. Box 19506
Springfield, Illinois 62794-9506

Application For Construction Permit (For CAAPP Sources Only)	For Illinois EPA use only
	I.D. number:
	Permit number:
	Date received:

This form is to be used by CAAPP sources to supply information necessary to obtain a construction permit. Please attach other necessary information and completed CAAPP forms regarding this construction/modification project.

Source Information		
1. Source name:		
2. Source street address:		
3. City:	4. Zip code:	
5. Is the source located within city limits? <input type="checkbox"/> Yes <input type="checkbox"/> No		
6. Township name:	7. County:	8. I.D. number:

Owner Information		
9. Name:		
10. Address:		
11. City:	12. State:	13. Zip code:

Operator Information (if different from owner)		
14. Name		
15. Address:		
16. City:	17. State:	18. Zip code:

Applicant Information	
19. Who is the applicant? <input type="checkbox"/> Owner <input type="checkbox"/> Operator	20. All correspondence to: (check one) <input type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Source
21. Attention name and/or title for written correspondence:	
22. Technical contact person for application:	23. Contact person's telephone number:

This Agency is authorized to require and you must disclose this information under 415 ILCS 5/39. Failure to do so could result in the application being denied and penalties under 415 ILCS 5 et seq. It is not necessary to use this form in providing this information. This form has been approved by the forms management center.

Summary Of Application Contents	
24.	Does the application address whether the proposed project would constitute a new major source or major modification under each of the following programs: a) Non-attainment New Source Review – 35 IAC Part 203; b) Prevention of Significant Deterioration (PSD) – 40 CFR 52.21; c) Hazardous Air Pollutants: Regulations Governing Constructed or Reconstructed Major Sources – 40 CFR Part 63?
	<input type="checkbox"/> Yes <input type="checkbox"/> No
25.	Does the application identify and address all applicable emissions standards, including those found in the following: a) Board Emission Standards – 35 IAC Chapter I, Subtitle B; b) Federal New Source Performance Standards – 40 CFR Part 60; c) Federal Standards for Hazardous Air Pollutants – 40 CFR Parts 61 and 63?
	<input type="checkbox"/> Yes <input type="checkbox"/> No
26.	Does the application include a process flow diagram(s) showing all emission units and control equipment, and their relationship, for which a permit is being sought?
	<input type="checkbox"/> Yes <input type="checkbox"/> No
27.	Does the application include a complete process description for the emission units and control equipment for which a permit is being sought?
	<input type="checkbox"/> Yes <input type="checkbox"/> No
28.	Does the application include the information as contained in completed CAAPP forms for all appropriate emission units and air pollution control equipment, listing all applicable requirements and proposed exemptions from otherwise applicable requirements, and identifying and describing any outstanding legal actions by either the USEPA or the Illinois EPA? Note: The use of "APC" application forms is not appropriate for applications for CAAPP sources. CAAPP forms should be used to supply information.
	<input type="checkbox"/> Yes <input type="checkbox"/> No
29.	If the application contains TRADE SECRET information, has such information been properly marked and claimed, and have two separate copies of the application suitable for public inspection and notice been submitted, in accordance with applicable rules and regulations?
	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable, No TRADE SECRET information in this application

Note 1: Answering "No" to any of the above may result in the application being deemed incomplete.

Signature Block	
This certification must be signed by a responsible official. Applications without a signed certification will be returned as incomplete.	
30. I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate and complete. Authorized Signature:	
BY:	
_____	_____
AUTHORIZED SIGNATURE	TITLE OF SIGNATORY
_____	_____ / _____ / _____
TYPED OR PRINTED NAME OF SIGNATORY	DATE

Note 2: An operating permit for the construction/modification permitted in a construction permit must be obtained by applying for the appropriate revision to the source's CAAPP permit, if necessary.

10.7 Attachment 7 - Guidance on Renewing This Permit

Timeliness - Pursuant to Section 39.5(5)(n) of the Act and 35 IAC 270.301(d), a source must submit to the Illinois EPA a complete CAAPP application for the renewal of a CAAPP permit not later than 9 months before the date of permit expiration of the existing CAAPP permit in order for the submittal to be deemed timely. Note that the Illinois EPA typically sends out renewal notices approximately 18 months prior to the expiration of the CAAPP permit.

The CAAPP application must provide all of the following information in order for the renewal CAAPP application to be deemed complete by the Illinois EPA:

1. A completed form 200-CAAPP, APPLICATION FOR CAAPP PERMIT.
2. A completed compliance certification for the source. For this purpose, the Illinois EPA will accept a copy of the most recent form 401-CAAPP, ANNUAL COMPLIANCE CERTIFICATION submitted to the Illinois EPA.
3. If this is the first time this permit is being renewed and this source has not yet addressed CAM, the application should contain the information on form 464-CAAPP, COMPLIANCE ASSURANCE MONITORING (CAM) PLAN.
4. Information addressing any outstanding transfer agreement pursuant to the ERMS.
5.
 - a. If operations of an emission unit or group of emission units remain unchanged and are accurately depicted in previous submittals, the application may contain a letter signed by a responsible official that requests incorporation by reference of existing information previously submitted and on file with the Illinois EPA. The boxes should be marked yes on form 200-CAAPP, APPLICATION FOR CAAPP PERMIT, as existing information is being incorporated by reference.
 - b. If portions of current operations are not as described in previous submittals, then in addition to the information above for operations that remain unchanged, the application must contain the necessary information on all changes, e.g., discussion of changes, new or revised CAAPP forms, and a revised fee form 292-CAAPP, FEE DETERMINATION FOR CAAPP PERMIT, if necessary.

The Illinois EPA will review all applications for completeness and timeliness. If the renewal application is deemed both timely and complete, the source shall continue to operate in accordance

with the terms and conditions of its CAAPP permit until final action is taken on the renewal application.

Notwithstanding the completeness determination, the Illinois EPA may request additional information necessary to evaluate or take final action on the CAAPP renewal application. If such additional information affects your allowable emission limits, a revised form 292-CAAPP, FEE DETERMINATION FOR CAAPP PERMIT must be submitted with the requested information. The failure to submit to the Illinois EPA the requested information within the time frame specified by the Illinois EPA, may force the Illinois EPA to deny your CAAPP renewal application pursuant to Section 39.5 of the Act.

Application forms may be obtained from the Illinois EPA website at <http://www.epa.state.il.us/air/forms.html>.

If you have any questions regarding this matter, please contact a permit analyst at 217/782-2113.

Mail renewal applications to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Permit Section (MC 11)
P.O. Box 19506
Springfield, Illinois 62794-9506

AB:psj